



## SEQUENCE LISTING

<110> Mogen International  
Van Ooyen, Albert  
Van den Elzen, Petrus  
Pen, Jan  
Hoekema, Andreas  
Sijmonds, Peter  
Quax, Wilhelmus  
Rietveld, Krijn

<120> TRANSGENIC PLANTS HAVING A MODIFIED  
CARBOHYDRATE CONTENT

<130> 26192-20033.02

<140> 09/003,047

<141> 1998-01-05

<150> US 08/253,575

<151> 1994-06-03

<150> US 07/849,422

<151> 1992-06-12

<160> 9

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide corresponding to the sequence of  
the pAT21 gene

<400> 1

attaaagctt atgttgccat atagagtagt

30

<210> 2

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide corresponding to the sequence of  
the B33 gene

<400> 2

gtaggatcca tgggtgcaaat gttcaaagtg t

31

<210> 3

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> oligonucleotide based on the nucleotide sequence  
of glucoamylase G1 cDNA

<400> 3

cttccacat ggcgaccttg gattc

25

<210> 4

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide based on nucleotide sequence of  
glucoamylase G1 cDNA

<400> 4

agctcgagct caccgccagg tgtc

24

<210> 5

<211> 1777

<212> DNA

<213> Bacillus licheniformis

<400> 5

tctagagtca	tgaacaaca	aaaacggctt	tacgcccgat	tgctgacgct	gttatttgcg	60
ctcatcttct	tgctgectca	ttctgcagca	gcggcggcaa	atcttaatgg	gacgctgatg	120
cagtattttt	aatggtacat	gcccaatgac	ggccaacatt	ggaagcggtt	gcaaacgac	180
tcggcatatt	tggtgaaca	cggattact	gccgtctgga	ttccccggc	atataaggga	240
acgagccaag	cggatgtggg	ctacgggtgt	tacgacctt	atgatttagg	ggagtttcat	300
caaaaaggga	cggttcggac	aaagtacggc	acaaaaggag	agctgcaatc	tgcatcaaaa	360
agtcttcatt	cccgcgacat	taacgtttac	ggggatgtgg	tcatcaacca	caaaggcggc	420
gctgatgcga	ccgaagatgt	aaccgcggtt	gaagtcgatc	ccgctgaccg	caaccgcgta	480
atttcaggag	aacacctaata	taaagcctgg	acacattttc	atcttcgggg	gcgcggcagc	540
acatacagcg	atcttaaatg	gcattggtac	cattttgacg	gaaccgattg	ggacgagtc	600
cgaaagctga	accgcatcta	taagtttcaa	ggaaaggctt	gggattggga	agtttccaat	660
gaaaacggca	actatgatta	ttgatgtat	gccgacatcg	attatgacca	tcctgatgtc	720
gcagcagaaa	ttaagagatg	gggcacttgg	tatgccaatg	aactgcaatt	ggacggtttc	780
cgtcttgatg	ctgtcaaaca	cattaaattt	tcttttttgc	gggattgggt	taatcatgtc	840
agggaaaaaa	cggggaagga	aatgtttacg	gtagctgaat	attggcagaa	tgacttgggc	900
gcgctggaaa	actatttgaa	caaaacaaat	tttaatacatt	cagtgtttga	cgtgccgctt	960
cattatcagt	tccatgctgc	atcgacacag	ggaggcggct	atgatatgag	gaaattgctg	1020
aacggtacgg	tcgtttccaa	gcattccgtt	aaatcgggta	catttgctga	taaccatgat	1080
acacagccgg	ggcaatcgct	tgagtcgact	gtccaaacat	ggtttaagcc	gcttgcttac	1140
gctttttatt	tcacaaggga	atctggatac	cctcagggtt	tctacgggga	tatgtacggg	1200
acgaaaggag	actcccagcg	cgaaattcct	gccttgaaac	acaaaattga	accgatctta	1260
aaagcgagaa	aacagtatgc	gtacggagca	cagcatgatt	atttcgacca	ccatgacatt	1320
gtcggctgga	caagggaagg	cgacagctcg	gttgcaaat	caggtttggc	ggcattaata	1380
acagacggac	ccggtggggc	aaagcgaatg	tatgtcggcc	ggcaaacgc	cggtagagca	1440
tggcatgaca	ttaccgga	ccgttcggag	ccggttgctc	tcaattcgga	aggctgggga	1500
gagtttcacg	taaacggcgg	gtcggtttca	atcttatgtt	aaagatagaa	gagcagagag	1560
gacggatttc	ctgaaggaaa	tccgtttttt	tattttgccc	gtcttataaa	tttctttgat	1620
tacattttat	aattaatttt	aacaaagtgt	catcagccct	caggaaggac	ttgctgacag	1680
tttgaatcgc	ataggttaag	cggggatgaa	atggcaacgt	tatctgatgt	agcaaagaaa	1740
gcaaattgtg	cgaaaatgac	ggtatcgcg	gtgatca			1777

<210> 6  
<211> 54  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide from duplex A

<400> 6  
gggtttttat ttttaatttt ctttcaaata cttccaccat gggtaacgga tcca 54

<210> 7  
<211> 58  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide from duplex A

<400> 7  
cccaaaaata aaaattaaaa gaaagtttat gaaggtggta ccattgcct aggttcga 58

<210> 8  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide from duplex B

<400> 8  
catggcaaat cttaatggac gctgatg 27

<210> 9  
<211> 28  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide from duplex B

<400> 9  
cgtttagaat tacctgcgac tacgtcat 28